

## ABSTRACT

## "Improvements Relating to Blood Sampling Devices"

A housing 1 retains a lancet body 2 which encloses a needle 3 whose tip  
4 is covered by a cap 5. The other end of the cap has a head 6 provided with  
5 flanges 7. These flanges locate within notches 8 at the end of the housing 1 on  
only two sides of the housing 1. The location of the flanges 7 within the notches  
8 holds the lancet 2 within the body 1, before use, so as to compress a spring  
(not shown) positioned between a head 9 and a slotted portion 10 of the housing  
10 1. When the device is to be used, the head 6 of the cap 5 is rotated through 90°  
so as to detach the cap from the rest of the lancet body and release the flanges  
7 from the notches 8. This allows the lancet body 2 to be actuated by a sprung-  
loaded trigger-release mechanism, when required, so that the tip 4 of the needle  
projects momentarily through the opening at the end of the housing 1 and then  
15 bounces back.

[FIGURE3]